

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,579,453
APPLICATION NO. : 10/561,487
ISSUE DATE : August 25, 2009
INVENTOR(S) : Drayna *et al.*

Page 1 of 3

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Specification:

Column 2, line 32: "PTC)" should read -(PTC)-

Column 12, line 13: "Its" should read -In-

Column 18, line 65: "1989)," should read -1989).-

Column 22, line 7: "that predicted" should read -that are predicted-

Column 27, line 36: "thereof In" should read -thereof. In-

Column 30, line 26: "comprising" should read -comprise-

Column 31, line 45: "of consisted of" should read -consisted of-

Column 32, line 61: "Online.)" should read -Online)-

Column 33, lines 22-23: " $p<10^{-10}$)" should read - $p<10^{-10}$ -

Column 39, line 28: "Nucleic Acid/(Amino" should read -Nucleic Acid/Amino-

Column 42, line 31: "regions Kaplan et al." should read -regions (Kaplan et al.-

Column 42, line 58: "25, 549" should read -25,549-

Column 42, line 60: "1, 627" should read -1,627-

Column 45, line 10: "AU SNPs" should read -All SNPs-

Column 45, line 26: "4 A SNPs" should read -4.4 SNPs-

Column 45, line 30: "observed FIG." should read -observed (FIG.-

Column 48, lines 2-3: "method of (Excoffier, *Curr.*" should read - method of Excoffier (*Curr.*-

Column 48, line 12: "allele₁₃ frequency₁₃ project" should read -allele_frequency_project-

Column 62, line 10: "condition believed" should read -condition is believed-

Column 66, line 44: "T2R's" should read -T2Rs-

Column 66, lines 49-50: "et al." should read -et al.-

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- Column 68, line 62: "described Tang" should read –described by Tang–
Column 72, lines 60-61: "methods can determine" should read –methods that can determine–
Column 73, line 49: "form Or," should read –form. Or,–
Column 73, line 60: "CHARMM" should read –CHARMm–
Column 82, line 36: "material," should read –material, –
Column 85, line 25: "variant" should read –variant.–

In the Sequence Listing:

Descriptor <223> for position 8 of SEQ ID NO: 5: "y is t or c" should read –r is a or g–

In the Claims:

Column 97, lines 22-23: "C/A at position 638" should read –G/A at position 638–
Column 97, line 31: "C/T at position 867" should read –G/T at position 867–
Column 97, line 37: "A/G at position (SEQ" should read –A/G at position 776
(SEQ–
Column 99, line 9: "NO: 193;" should read –NO: 193);–
Column 99, line 20: "position 94 of T1R48" should read –position 94 of T2R48–
Column 99, line 54: "position 186 of T1R4" should read –position 186 of T2R4–
Column 100, line 2: "T9R9" should read –T2R9–
Column 100, line 7: "T9R10" should read –T2R10–
Column 100, line 11: "T9R16" should read –T2R16–
Column 100, line 22: "NO: 193;" should read –NO: 193);–
Column 100, line 41: "position 499" should read –position 429–

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It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 102, lines 28-29: "at least "about 10 contiguous nucleotides spanning at least", one" should read –at least about 10 contiguous nucleotides spanning at least one–

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